

SEQUENCE LISTING

<110> MORIKAWA, NORIYUKI
NISHIKAWA, TETSUO
OTA, TOSHIO
ISOGAI, TAKAO
HIO, YURI
MASUHO, YASUHIKO

<120> FATTY ACID TRANSPORTER PROTEINS AND THE GENES ENCODING
THE PROTEINS

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<140> 10/030,226
<141> 2002-01-08

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<150> JP 2000/128993
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<170> PatentIn Ver. 2.1

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Thr Phe Leu Ile His Gly Ser Arg Arg Phe Ser Tyr Ser Glu Ala Glu		
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Ala Phe Ala Val Arg Ala Leu Cys Cys Lys Arg Ala Leu Arg Ala Arg
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Asp Trp Gly Pro Asp Gly Gly Asp Ser Gly Glu Gly Ser Ala Gly Glu
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Gly Glu Arg Ala Ala Pro Gly Ala Gly Asp Ala Ala Ala Gly Ser Gly
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Ala Glu Phe Ala Gly Gly Asp Gly Ala Ala Arg Gly Gly Ala Ala
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 Thr Ala Phe Val Pro Thr Ala Leu Arg Arg Gly Pro Leu Leu His Cys
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 Glu Ser Leu Glu Pro Asp Leu Pro Ala Leu Arg Ala Met Gly Leu His
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Asn Ile Met Asp Thr Cys Leu Tyr Ile Phe Thr Ser Gly Thr Thr Gly
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Gly Phe Tyr His Leu Cys Gly Val His Gln Glu Asp Val Ile Tyr Leu
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His Cys Phe Gln Cys Cys Gly Ala Lys Val Leu Leu Val Ser Pro Glu
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Ser Phe Leu Asp Lys Val Asp Glu Val Ser Thr Glu Pro Ile Pro Glu
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Asp Asp Val Ile Tyr Ile Thr Leu Pro Phe Tyr His Ser Ala Ala Leu
 260 265 270

Leu Ile Gly Ile His Gly Cys Ile Val Ala Gly Ala Thr Leu Ala Leu
 275 280 285

Arg Thr Lys Phe Ser Ala Ser Gln Phe Trp Asp Asp Cys Arg Lys Tyr
 290 295 300

Asn Val Thr Val Ile Gln Tyr Ile Gly Glu Leu Leu Arg Tyr Leu Cys
 305 310 315 320

Asn Ser Pro Gln Lys Pro Asn Asp Arg Asp His Lys Val Arg Leu Ala
 325 330 335

Leu Gly Asn Gly Leu Arg Gly Asp Val Trp Arg Gln Phe Val Lys Arg
 340 345 350

Phe Gly Asp Ile Cys Ile Tyr Glu Phe Tyr Ala Ala Thr Glu Gly Asn
 355 360 365

Ile Gly Phe Met Asn Tyr Ala Arg Lys Val Gly Ala Val Gly Arg Val
 370 375 380

Asn Tyr Leu Gln Lys Lys Ile Ile Thr Tyr Asp Leu Ile Lys Tyr Asp
 385 390 395 400

Val Glu Lys Asp Glu Pro Val Arg Asp Glu Asn Gly Tyr Cys Val Arg
 405 410 415

Val Pro Lys Gly Glu Val Gly Leu Leu Val Cys Lys Ile Thr Gln Leu
 420 425 430

Thr Pro Phe Asn Gly Tyr Ala Gly Ala Lys Ala Gln Thr Glu Lys Lys
 435 440 445

Lys Leu Arg Asp Val Phe Lys Lys Gly Asp Leu Tyr Phe Asn Ser Gly
 450 455 460

Asp Leu Leu Met Val Asp His Glu Asn Phe Ile Tyr Phe His Asp Arg
 465 470 475 480

Val Gly Asp Thr Phe Arg Trp Lys Gly Glu Asn Val Ala Thr Thr Glu
 485 490 495

Val Ala Asp Thr Val Gly Leu Val Asp Phe Val Gln Glu Val Asn Val
 500 505 510

Tyr Gly Val His Val Pro Asp His Glu Gly Arg Ile Gly Met Ala Ser
 515 520 525

Ile Lys Met Lys Glu Asn His Glu Phe Asp Gly Lys Lys Leu Phe Gln
 530 535 540

His Ile Ala Asp Tyr Leu Pro Ser Tyr Ala Arg Pro Arg Phe Leu Arg
 545 550 555 560

Ile Gln Asp Thr Ile Glu Ile Thr Gly Thr Phe Lys His Arg Lys Met
 565 570 575

Thr Leu Val Glu Glu Gly Phe Asn Pro Ala Val Ile Lys Asp Ala Leu
 580 585 590

Tyr Phe Leu Asp Asp Thr Ala Lys Met Tyr Val Pro Met Thr Glu Asp
 595 600 605

Ile Tyr Asn Ala Ile Ser Ala Lys Thr Leu Lys Leu
 610 615 620